

Friday, January 10, 2020

Attn: Mr. Keith Gammell Barnhardt Mfg. Co. 247 Main Rd P.O. Box 3 Colrain, MA 01340

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

**SDG ID:** GCE99349

Sample ID#s: CE99349 - CE99355

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis/Shiller

**Laboratory Director** 

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #M-CT007 ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63

UT Lab Registration #CT00007 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

# Sample Id Cross Reference

January 10, 2020

SDG I.D.: GCE99349

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client Id	Lab Id	Matrix
SLUDGE GRAB	CE99349	SLUDGE
SLUDGE GRAB	CE99350	SLUDGE
SLUDGE GRAB	CE99351	SLUDGE
SLUDGE GRAB	CE99352	SLUDGE
SLUDGE GRAB	CE99353	SLUDGE
SLUDGE GRAB	CE99354	SLUDGE
SLUDGE GRAB	CE99355	SLUDGE



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**Analysis Report** 

January 10, 2020

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:30Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

\_aboratory Data SDG ID: GCE99349

Phoenix ID: CE99349

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	10	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	9300	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

#### **Comments:**

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Phyllis Shiller, Laboratory Director

January 10, 2020



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**Analysis Report** 

January 10, 2020

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:35Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

<u>aboratory Data</u> SDG ID: GCE99349

Phoenix ID: CE99350

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	100	100	MPN/g	100	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	30	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	23800	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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**Analysis Report** 

January 10, 2020

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:40Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

Laboratory Data SDG ID: GCE99349

Phoenix ID: CE99351

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

RL/ Parameter Result **PQL** Units Dilution Date/Time Reference Βy Escherichia Coli 200 100 MPN/q 100 01/08/20 17:25 LJ/LJ SM9223B-04 Fecal Coliforms 100 100 cfu/g 100 LJ/LJ SM9222D-06 01/08/20 17:25 21600 Total Coliform 100 cfu/g 100 01/08/20 17:25 LJ/LJ SM9222B-06

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247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:45Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

\_aboratory Data SDG ID: GCE99349

Phoenix ID: CE99352

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	41	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	40	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	31200	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020



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247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:50Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

\_aboratory Data SDG ID: GCE99349

Phoenix ID: CE99353

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	20	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	50	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	12200	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020



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**Analysis Report** 

January 10, 2020

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247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2011:55Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

\_aboratory Data SDG ID: GCE99349

Phoenix ID: CE99354

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	30	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	19600	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020

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Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:SLUDGECollected by:01/08/2012:00Location Code:BARNHARDReceived by:LB01/08/2016:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

Laboratory Data SDG ID: GCE99349

Phoenix ID: CE99355

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client ID: SLUDGE GRAB

RL/ Parameter Result **PQL** Units Dilution Date/Time Reference Βy Escherichia Coli 41 10 MPN/q 10 01/08/20 17:25 LJ/LJ SM9223B-04 Fecal Coliforms 100 100 cfu/g 100 LJ/LJ SM9222D-06 01/08/20 17:25 Total Coliform 20100 100 cfu/g 100 01/08/20 17:25 LJ/LJ SM9222B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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January 10, 2020

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# Sample Criteria Exceedances Report GCE99349 - BARNHARD

Criteria: None State: MA

RL Analysis
SampNo Acode Phoenix Analyte Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

<sup>\*\*\*</sup> No Data to Display \*\*\*



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## **Analysis Comments**

January 10, 2020 SDG I.D.: GCE99349

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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